2013 Product Catalog

barefoot international

FLY HIGH FATSAC

We make booms to fit any type of boat and on the tubing of any wakeboard tower. Call us to find out which boom you need for your boat.

Pro X Series Fat Sac
from Barefoot Int'l. & Fly High
See the fitting page for ALL standard, custom & integrated Fatsac™ Fittings
part # W749
AIR Release

You can wakesurf on any boat by adding Fatsacs where needed.
Call us to find out what Fatsacs you need to wakesurf on your boat.

Designed • Manufactured
Crafted • Assembled
In the good old US of A

Barefoot International & Fly High Mfg. offers consumers a line of superior products developed through careful research and testing. As the rest of our competitors have been busy finding overseas suppliers to fulfill their needs, we have been steadily upgrading our capabilities in-house. Our booms, pylons, towers, Fat Sacs™ and other products are specifically designed to provide added safety, convenience and improved performance without causing damage to your boat. We don't compromise safety nor ease of use for gimmick features. Barefoot International & Fly High Mfg. is your assurance of the highest quality equipment available today.

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com • 3879 N. Richards Street • Milwaukee, WI 53212

Made in USA

One of Barefoot International's Awesome Inventions

The Super Fly High Tower Extension (Patented)

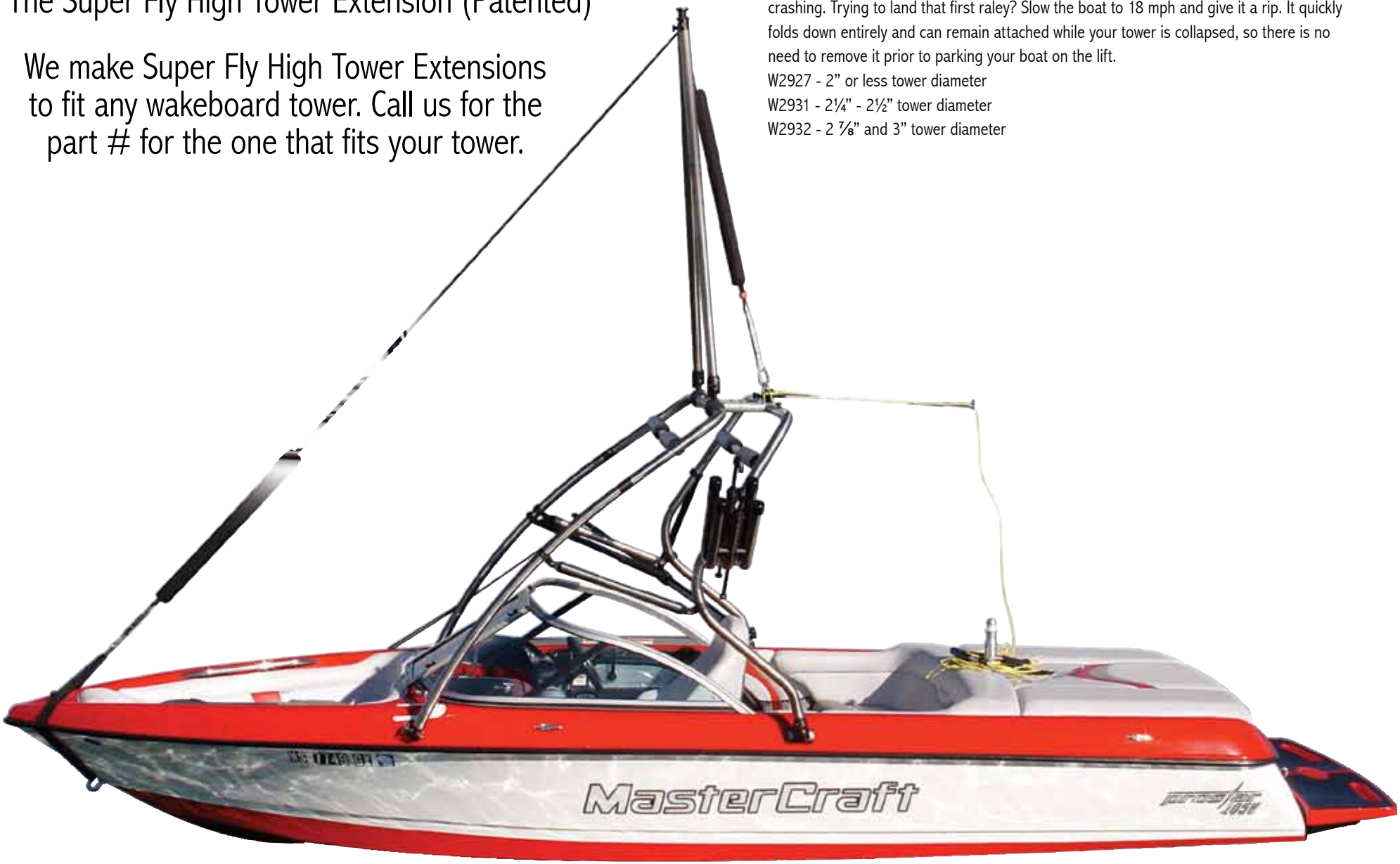
We make Super Fly High Tower Extensions to fit any wakeboard tower. Call us for the part # for the one that fits your tower.

Pro X Series Tower Extension

#W2927 / #W2931 / #W2932 **Patented**

The new Pro X Series Tower Extension is the most extreme new product to hit the market. It fits all towers and allows you to go bigger and land softer. It also helps you learn new tricks at slower speeds which will increase your confidence while reducing the punishment of crashing. Trying to land that first raley? Slow the boat to 18 mph and give it a rip. It quickly folds down entirely and can remain attached while your tower is collapsed, so there is no need to remove it prior to parking your boat on the lift.

W2927 - 2" or less tower diameter
W2931 - 2¼" - 2½" tower diameter
W2932 - 2 ⅞" and 3" tower diameter



Pro X Series Tower

#W2923

The Pro X Series Tower is completely universal and the only one constructed of stainless steel making it the strongest and most durable tower on the market. The Quick Release pins are user friendly and make stowing and setup of the tower a simple task. Just pull six pins and the tower folds down entirely allowing an easier fit into your garage and lift. This tower offers exclusive overhead crossbar engineering which locks it in and makes it as rigid as a factory installed tower. The crossbars of the tower act as an integrated board rack that will store anything from a slalom ski to a wake surf board. Classic swoop style looks great on any boat. Board pads included.

Pro X Series Deck Boat Crossbar Tower

#W2934

The Pro X Series Deck Boat Crossbar Tower (W2934) is the same as our Pro X Series Crossbar Tower (W2923) a far as looks and everything. The only difference is that the Pro X Series Deck Boat Crossbar Tower (W2934) is made to fit deck boats. The front of Deck boats stay wide.

Board Pads

#W2925

You can customize the look of your tower with these color board pads.

- Only universal wakeboard tower built strong enough to pull tubes
- Only stainless steel adjustable wakeboard tower
- Classic swoop style looks great on any boat
- Folds down as low as the windshield
- Adjusts to fit any boat
- Board pads on overhead crossbars double as a board rack and provide shade when loaded with skis & boards

Pro X Series Crossbar Tower is the only tower that you can add to your boat that is strong enough to pull multiple tubes...Or anything else, and it will never vibrate loose or crack your boat's fiberglass when you do 3 key things:

1. **Making sure that our supplied underplates are mounted flush.**
2. **Fully tighten the rear overhead adjustable crossbar with 3 guys using their bare hands after the tower has been installed!**
3. **Double check that every nut bolt and screw is fully tightened.**

You can use the crossbars of the tower to quickly store all of your equipment. The Pro X Series Tower is the only tower on the market designed with this in mind. The crossbars can accommodate anything from a single slalom ski to a wake surf board.

Pro X Series Rolled Cage

#W2922

The Pro X Series Cage is a simple yet effective design. It's made of high quality 2" and 2 ½" stainless steel and adjusts to fit any boat. Mount the arms to the front or back of the boat to give it a distinct look. It's fully collapsible as well.

Pro X Series Board Rack

#W2906 / W2907

The Pro X Series Board Rack is designed to fit any tower and comes with arm extensions to accommodate wake surf boards. (W2906 - 2" or less O.D. towers / W2907 - 2 ¼" - 2½" O.D. towers.

Rope Guide

#W912

The Rope Guide can be used with all Fly High towers and the stainless steel Fly High X-Pole. It quickly attaches to the delron swivel and helps keep the rope off your racks and out of the boat.

Stainless Steel Fly High X-Pole

#W2900

The stainless steel Fly High X-Pole is still the only high quality stainless steel extended pylon on the market and it is made to fit 2 ½" pylons. It's the only extended pylon with a delron swivel at the top and at pylon height. It's superior strength and safety comes from our dual stainless steel cable system. It has a poly carbonate sleeve inside to protect your factory pylon.

Aluminium Fly High X-Pole

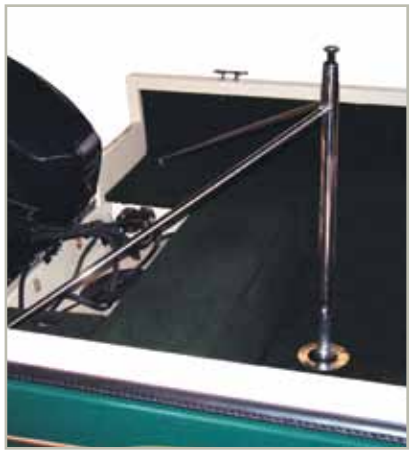
#W913x

The Aluminium Fly High X-Pole is anodized black and made to fit 2 ½" pylons. This monster is similar to the stainless steel Fly High X-Pole but is one piece instead of two. It also has a poly carbonate sleeve inside to protect your factory pylon and our dual stainless steel cable system.

Pro Ski Pylon

#W411 / W412

The Pro Ski Pylon comes in two forms, fixed and adjustable. The fixed version of the pylon is 45" tall while the adjustable version can be set to a height from 34"-58". (W411 - adjustable height / W412 - fixed height)



Bass Boat Pylon

#W404

The Bass Boat Pylon is designed to utilize the seat mount of your bass boat. It can be quickly installed and removed and has two telescoping support arms that provide stability.

Pro Deck Master Pylon

#W400

The Pro Deck Master Pylon was designed to be fitted to the engine well of a boat where the surface may not be horizontal. It's design is simple yet effective.

Cable Protector

#B108

Replacement cable protector for your Fly High pylons.

Delron Height Adjuster

#W2902 / W2902-3

Fits extended pylons allowing you to adjust the height of the attachment point for the rope. (W2902 for 2 ½" pylons / W2902-3 for 3" pylons)

Delron Pro Ski Swivel

#W401

The Delron Swivel is a compact design and can be permanently mounted to any boat or jet ski. Just remove the ski tow ring and replace it with this high tech delron swivel.

Pylon Case

#W501

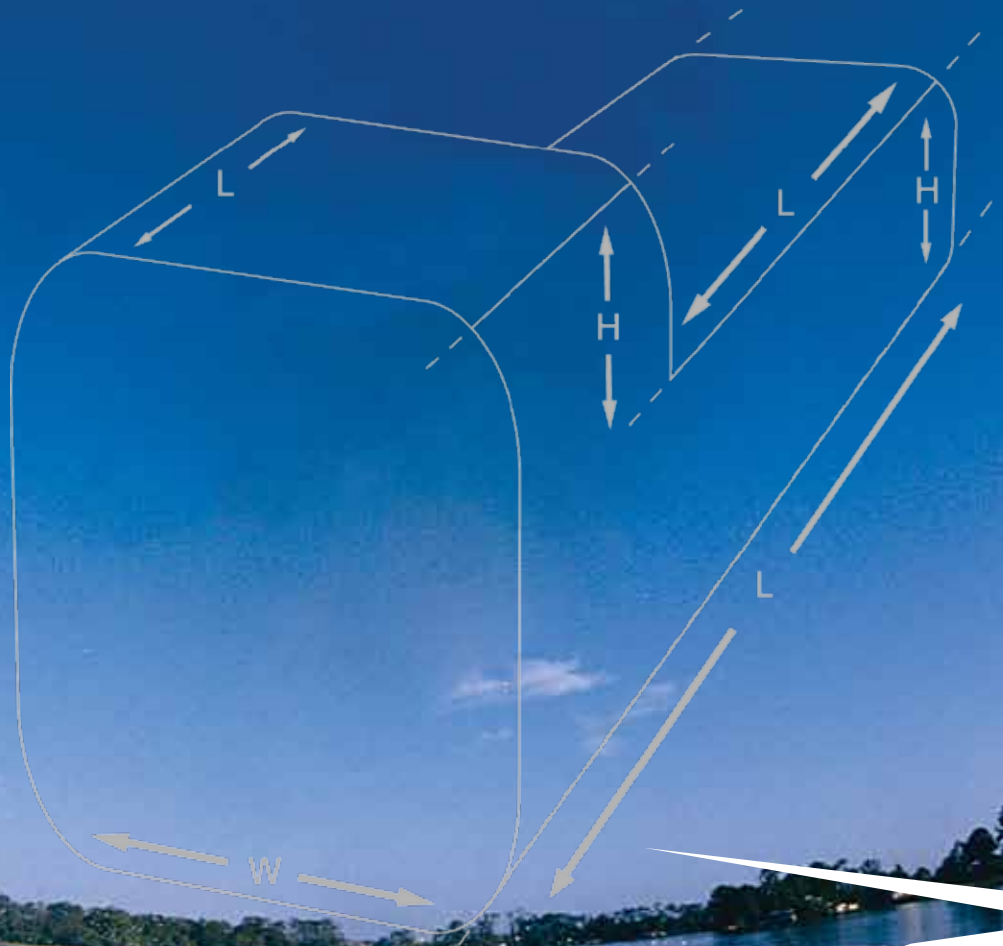
Our Pylon case is the best way to transport and store your stainless steel Fly High X-Pole. You won't have to worry about the latch on the cable smacking your ankles when carrying the pylon with this thing.

Ski Tow Hitch

#W403

This pylon can be mounted to the transom of I/O Boats.

Custom



You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

You can get your custom fat sacs taylor made to your exact specifications!

To make your wake, call 414-964-3668.

The new Pro X Series Fat Sacs™ are constructed with a white water rafting material called Valmex. These sacs are unbelievably durable and no longer need the support of an outer shell. They also come equipped with our Quick Connect Valve system making filling and draining these things an easy task. Furthermore, the placement of our valves makes it possible to create the perfect integrated ballast system. All sacs are available in assorted colors to customize the look of your system.

Pro X Series Fat Sac

You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

Pro X Series Fat Sac™

#W707 - 50x20x20 - 750 lbs. (Expand to about 950lbs.)

#W707-EXV - 50x20x20 - 750 lbs. (Expand to about 950lbs.)

The original Fat Sac™ redefined and setting new standards. These sacs are the most demanded on the market for their durability and ease of use. Two of these slobs will add 1500 lbs. of ballast when fully loaded.

Note: The W707-EXV comes with a 4th valve on the bottom of the other end; in grey only.

Pro X Series V-Drive Sacs (set)

#W701 - 42x16x16 - 400 lbs. each (Expand to about 550lbs.)

The Pro X Series V-Drive Sacs were designed to fit perfectly in the rear compartments in v-drive boats. Combined with the weight of the engine, these sacs will produce a monster wake.

Pro X Series Fat Brick

#W702 - 16x16x16 - 155 lbs. (Expand to about 185lbs.)

This little thing weighs in at 155 pounds. Its handles and compact size allow you to quickly reposition it to fine-tune your boat's wake and eliminate any unwanted wash.

Pro X Series Fat Seat

#W710 - 1525 lbs. Patented (Expand to about 1800lbs.)

The Pro X Series Fat Seat is design for inboard boats that have a removable rear seat. This thing is huge with arms that extend forward on either side of the engine compartment to add even more weight.

Pro X Series Nautique Wedge Sacs (set)

#W708 - 42x16x18 - 400 lbs. each (Expand to about 400lbs.)

The Pro X Series Nautique Wedge sacs are shaped to fit the rear compartments of Mid-2000 year Nautique V-Drive boats, but can be used in any boat.

Custom Fat Sacs - W507-C

ANY SHAPE...ANY SIZE...ANY VALVE CONFIGURATION

Get your custom fat sacs taylor made to your exact specifications!!

To make your wake call 1-414-964-3668

You can special order sacs to suit your needs. We make all of our Fat Sacs in house which gives us the ability to create custom sacs for our customers. The same process that is used to build our Pro X Series line of Fat Sacs will be utilized to create your custom sacs. By using our advanced cutting machine, welding system and Valmex material we can assure you that your designed sac will be extremely durable and of the highest quality. You also decide on which type of Quick Connect fittings you would like to use, how many there are and their exact location on the sac. Whether it's a totally customized integrated system you are looking for, or just a single sac, let your creative juices flow because you're in control.

#W702

#W707
#W707-EXV

#W710

#W701

#W708

available colors

You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

#W711

#W704

#W703

#W706

#W705

available colors

Pro X Series Integrated Bow Sac

#W711 - 725 lbs. (Expand to about 1000lbs.)

The Pro X Series Integrated Bow Sac is designed to fit under the seats of open bow boats adding needed weight to the front of the boat.

Pro X Series Tube Sac

#W704 - 62x16x10 - 370 lbs. (Expand to about 550lbs.)

The Pro X Series Tube Sac can be used in the ski locker of your boat or on the floor just forward of the engine compartment. It's longer and narrow enough to fit perfectly along the walkway to the bow or in many other places.

Pro X Series Side Sacs (set)

#W703 - 48x12x12 - 260 lbs. each (Expand to about 350lbs.)

The Pro X Series Side Sacs fit along the side of the engine compartment on inboard boats and they will conform to fit under the seats of open bow boats. They are designed to get more weight forward in the boat to balance any ballast you may have back by the engine.

Pro X Series Open Bow Sac

#W706 - 1000 lbs. (Expand to about 1500lbs.)

The Pro X Series Open Bow Sac is triangular in shape and fits open bow boats.

Pro X Series Rear Seat Bottom/Center Locker Sac

#W705 - 60x26x10 - 650 lbs. (Expand to about 1000lbs.)

The Pro X Series Rear Seat Sac is a smaller version of the Fat Seat minus the arms. It has a lower profile but adds a lot of weight to the rear of the boat. It will also conform to fit in any center locker and many other places.

Custom Sacs

#W507-C

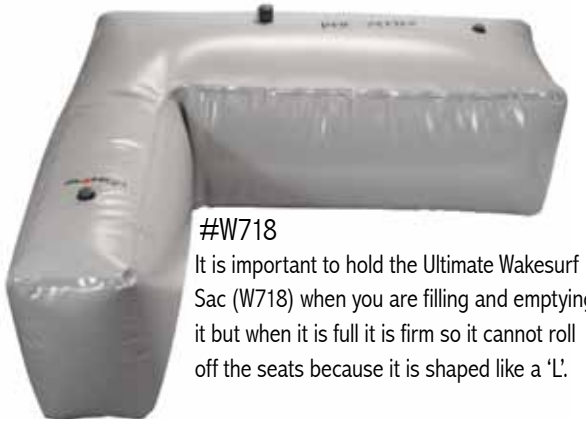
You can special order sacs to suit your needs. All of our Fat Sacs are made in house giving us the ability to create custom sacs for you. We use the same process as we do in our Pro X Series line to make custom sacs. Our advanced cutting machine, welding system and Valmex material will assure you that your designed sac will be extremely durable and of the highest quality. You also decide on which type of Quick Connect fittings you would like to use, how many there are and their exact location on your custom sac.

You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

Pro X Series Ultimate Wake Surf Sac

#W718 - 60x24x16 arms 35x12x16 - 1150 lbs.

After filling any factory ballast and FatSac that fill the front and rear compartments of your V-drive boat, put the Ultimate Wake Surf Sac on top of the rear seat and side seat that you are wake surfing on for the ultimate surf wake. This will displace so much water that people will no longer have to learn to wake surf behind your boat they will just be able to do it. Be sure to remember to give the boat some throttle to bring the front of your boat up enough when passing thru any wakes you are making so you don't swamp the boat. Will also conform to fit in other type boats and in other places. (Expands to about 1450lbs.)



#W718

It is important to hold the Ultimate Wakesurf Sac (W718) when you are filling and emptying it but when it is full it is firm so it cannot roll off the seats because it is shaped like a 'L'.

available colors

#W713

Pro X Series V-Drive Wake Surf Sac

#W713 - 42x16x16 - 400lbs.

The Pro X Series V-Drive Wake Surf Sac fits perfectly in the compartment of your v-drive boat to produce a nice wake for surfing behind your v-drive boat. (Expands to about 550lbs.)

Pro X Series Jumbo V-Drive Wake Surf Sac

#W719 - 50x24x24 - 1100 lbs.

#W719-EXV - 50x24x24 - 1100 lbs.

Will conform to fit and fill any rear V-Drive compartment to give you maximum weight. Also will conform to fit in other places and in other type boats. (Expands to about 1350lbs.)

Note: The W719-EXV comes with a 4th valve on the bottom of the other end; in grey only.

#W719
#W719-EXV

Tsunami Pump

#W709

The Tsunami Pump System has a larger diameter hose which doesn't choke the pump, resulting in greater output.

Jabsco Ballast Pump

#W610-P

High volume, self-priming, reversible, metal ballast pump. Best for automatic ballast systems.

Socket Splitter

#W405

The socket splitter is exactly what you would expect. Use this thing to get two Tsunami Pumps flowing and fill those sacs double-time.

You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

X-Star Fat Sac™ Additional Ballast System

#W715 / #558031 - 2500 lbs. (not pictured)

W715 - Includes 2 Custom Rear V-Drive Compartment Sacs • 2 Custom Front Open Bow Sacs (Fittings sold separately)
558031 - Includes 2 Custom Rear V-Drive Compartment Sacs • 2 Custom Front Open Bow Sacs • 3 Custom Distribution Flow Valves • 50' of 1" reinforced black bilge hose • 3 Check Valve T-assemblies • 30 hose clamps • all custom fittings
558031 Control System - Jabsco Electronic pump timer (SOLD SEPARATELY; only needed for 2007 Mastercrafts)

Enzo Fat Sac™

#W712 30x25x26 arm 72x25x12 - 1450 lbs.

The Enzo Sac is enormous. It's designed for v-drive boats that have an opening in the rear seat bulkhead which leads forward under the side passenger benches. The large part of the sac fills the rear storage compartments while the lower profile extension runs forward below the seats. FITTINGS SOLD SEPARATELY

MasterCraft X-2 Rear Fat Sac™

#W714 - 32x18x20 - 455 lbs. (Expand to about 600lbs.)

The X-2 Rear Fat Sac™ was designed to fit perfectly in the shorter rear compartments of this boat. It may be a bit shorter that the traditional Pro X Series Fat Sac™ but it still adds some serious weight to the boat. FITTINGS SOLD SEPARATELY

MasterCraft X-2 Integrated Bow Fat Sac™

#W717 - 690 lbs. (not pictured) (Expand to about 900lbs.)

The X-2 Integrated Bow Fat Sac™ was designed to fit perfectly under the open bow seats of a X2. FITTINGS SOLD SEPARATELY

Mastercraft X-2 Fat Sac™ Additional Ballast System

#558032 - 1600 lbs. (not pictured)

2 Custom Rear X-2 Sac • 1 Custom X-2 Integrated Bow Sac (under seats) • 3 Custom Distribution Flow Valves • 50' of 1" reinforced black bilge hose • 3 Check Valve T-assemblies • 30 hose clamps • all custom fittings

Rear Gravity Games Fat Sac™

#W841 - 42x19x19 - 565 lbs. (Expand to about 750lbs.)

The Rear Gravity Games Fat Sac™ is built to fit in the compartment of v-drive boats. Two of these sacs combined with the Center Gravity Games Fat Sac™ provide over 2,300 lbs. additional ballast to your boat. It's easy to see why this is the combination used in all the Gravity Games boats. FITTINGS SOLD SEPARATELY

Center Gravity Games Fat Sac™

#W842 - 88x19x19 - 1180 lbs. (Expand to about 1500lbs.)

The Center Gravity Games Sac is only one inch smaller in width and height of a Fat Sac™, but at over 3 feet longer it weighs in at nearly twice the weight of a single Fat Sac™. Try combining this sac with two Rear Gravity Games Fat Sacs™ for one monster of a wake. FITTINGS SOLD SEPARATELY

X-Star Bow Walkthrough Fat Sac™

W752 - 39x13x20 - (not pictured)

This fat sac™ is combined with our additional ballast system for the complete package used on the Pro Wakeboarding Tour. FITTINGS SOLD SEPARATELY

You can wakesurf on any boat by adding Fatsacs where needed. Call us to find out what Fatsacs you need to wakesurf on your boat.

Super Air Nautique Center Locker Fat Sac™

#W721 - arrow 38x38x24 arm 10x11x21 - 650 lbs.

Designed to fit and maximize the weight in the arror shaped center locker of the Super Air Nautique. FITTINGS SOLD SEPARATELY

Super Air Nautique Additional Ballast System

#W760 - 1600 lbs. (not pictured)

Includes 2 Pro X Series V-Drive Sacs • 1 Pro X Series Integrated Drive Sac • 1 Tsunami Pump • 1 Pro X Series Fat Brick • all custom fittings

Malibu Plug & Play Wedge Rear Fat Sac™

#W034-1 1/8 (not pictured)

#W034-1 1/8 - 37.5x19.5x19 - (1 1/8" Fittings Included) - 550lbs.

Axis Wake Plug & Play Fat Sac™

W030 / W031 / W031-1 1/8 / W032 / W036-1 1/8 / W037-1 1/8 / W038-1 1/8

Everything comes done for you with these custom sacs and the Axis Wake Research. The fittings are already screwed into the sac with pvc cement.

W030 - Axis Wake Plug & Play Rear Sac - 42x16x16 - (3/4" Fittings Included) - 400lbs.
W031 - Axis Wake Plug & Play Bow Sac - arrow 48x40x8 arm 32x15x8 (3/4" Fittings Included) - 950lbs.
W031-1 1/8 - Axis Wake Plug & Play Bow Sac - arrow 48x40x8 arm 32x15x8 (1 1/8" Fittings Included) - 950lbs.
W032 - Axis Wake Plug & Play Rear Sac - 50x20x20 - (3/4" Fittings Included) - 750lbs.
W036-1 1/8 - Axis Wake Plug & Play Rear Sac - 50x24x24 - (1 1/8" Fittings Included) - 1100 lbs. (not pictured)
W037-1 1/8 - Axis Wake Plug & Play Rear Sac - 50x20x20 - (1 1/8" Fittings Included) - 750 lbs. (not pictured)
W038-1 1/8 - Axis Wake Plug & Play Rear Sac - 42x16x16 - (1 1/8" Fittings Included) - 400 lbs. (not pictured)

Tige Custom Surf Fat Sacs™

#W004-STB / #W004-P / #W005-STB / #W005-P (not pictured)

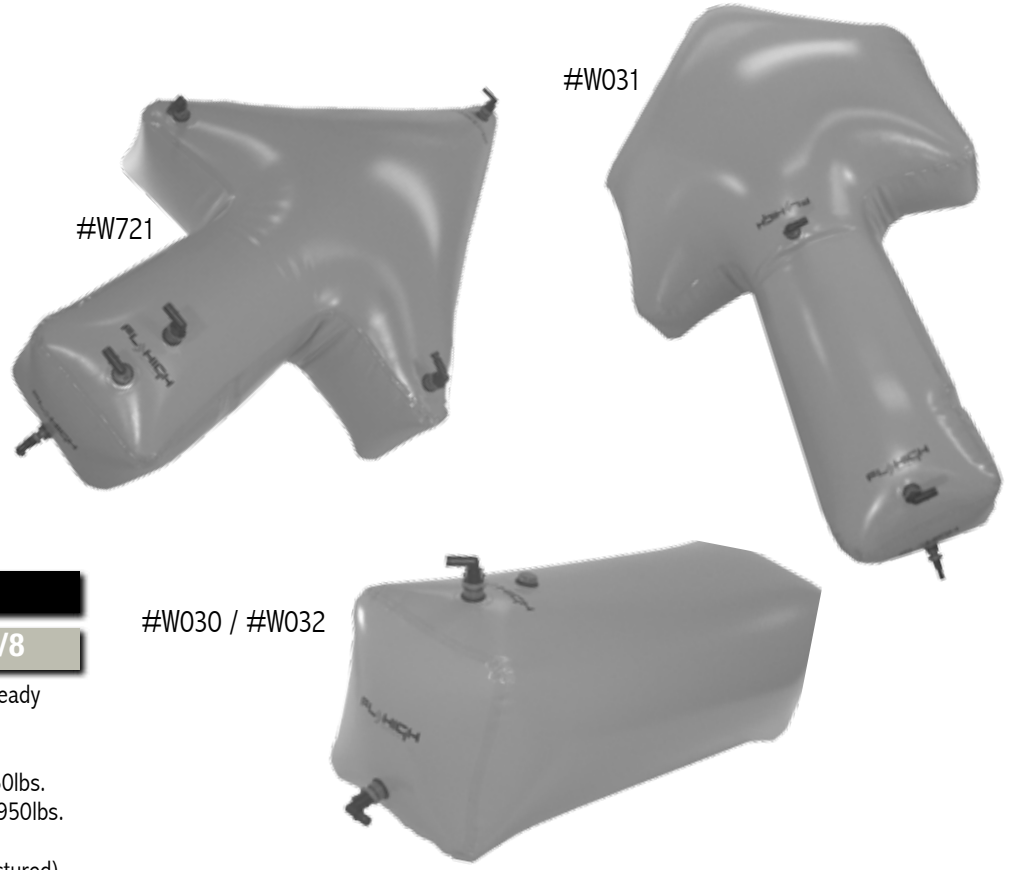
These Semi-Custom Fat Sacs are made to the Tige Engineer's specifications. FITTINGS SOLD SEPARATELY.

W004-STB - Tige 59" Custom Starboard Surf Sac - body 31x24x20 arm 28x24x9 - 800 lbs.
W004-P - Tige 59" Custom Portside Surf Sac - body 31x24x20 arm 28x24x9 - 800 lbs.
W005-STB - Tige 84" Custom Starboard Surf Sac - body 31x24x20 arm 53x24x9 - 1000 lbs.
W005-P - Tige 84" Custom Portside Surf Sac - body 31x24x20 arm 53x24x9 - 1000 lbs.

Supra SA Plug & Play Rear Fat Sac™

W892-1 1/8 - 750 lbs. - (not pictured)

Fittings included.



Mastercraft Plug & Play X-Star Ballast Sac™

#W040/#W041/#W042/#W043/#W044/#W045/#W048/#W049/#W140/#W141

The Mastercraft engineers got together with us to make these different models of Mastercraft Plug & Play Ballast Sacs for various Mastercraft boat models. Note: The Plug & Play plumbing must be in your boat to use these plug and play ballast sacs. (Sacs not pictured)

W040 - 2010 X-Star Ballast Sacs - 1595 lbs. (4 sacs, fittings included)
W041 - 2010 235/X35 Ballast Sacs - 1320 lbs. (4 sacs, fittings included)
W042 - 2010 215/X15 Ballast Sacs - 960 lbs. (4 sacs, fittings included)
W043 - 2010 200/X2 Ballast Sacs - 800 lbs. (4 sacs, fittings included)
W044 - 2010 245/X45 Ballast Sacs - 1220 lbs. (4 sacs, fittings included)
W045 - 2010 225/X25 Ballast Sacs - 710 lbs. (3 sacs, fittings included)
W048 - 2012 230/X30 Ballast Sacs - 1400 lbs. (4 sacs, fittings included)
W049 - 2013 X-Star Ballast Sacs - 1450 lbs. (4 sacs, fittings included)
W140 - 2013 X-46 Fat Sacs - 850 lbs. (4 sacs, includes Tsunami Pump fittings for manual filling)
W141 - 2013 X-10 Fat Sacs - 1450 lbs. (4 sacs, includes Tsunami Pump fittings for manual filling)

#W730	#W739	#W731
Female Quick Connect with chain and Cap	Quick Connect Cap (use with W730)	Waley Plug

#W732	#W733	#W734
Garden Hose to Quick Connect Adapter	1" Barbed End	Tsunami Pump Adapter (comes with pump)

#W735	#W736	#W737
Perfect Union to Quick Connect Adapter	3/4" Flow-Rite to Quick Connect Adapter	3/4" Barbed End

#W738	#W740	#W741
Tsunami Pump Hose Adapter (comes with pump)	3/4" Straight Flow-Rite Connect	1 ⅛" Straight Flow-Rite Connect

#W742	#W743	#W744
3/4" Elbow Flow-Rite Connect	1 ⅛" Flow-Rite to Quick Connect Adapter	Check Valve System (prevents water spillage) *

* Note: All check valves of any type slow the flow of water making it take longer to fill an empty fat sac.

#W745	#W746	#W747
3/4" Barbed Tsunami Pump fitting	1 ⅛" Elbow Flow-Rite Connect	Sac Valve Thread for Tsunami Pump

#W748	#W749	#W753 / #W755
1" Barb to 1 ⅛" Quick Connect	Air release plug. For use when manually filling, not for venting automatic systems.	Barbed In-Line Check Valves W753 - 1" Valve W755 - 1 1/8" Valves

NOTE: Fitting numbers; W733, W736, W737, W740, W741, W742, W746, W743, W748, W753 and W755 are made for automatic ballast systems.

NOTE: Fitting Numbers; W733, W736, W737, W743 and W747 should be screwed into the fatsacs with pvc cement.

#558031-CS	#558031-HOSE	#558031-Clamp
Jabsco Control System (Not Pictured - only need for 2007 Mastercrafts)	Black Reinforced Ballast Hose (per foot) (fits 1" & 1 ⅛" fittings)	316 SS Worm-Drive Hose Clamp - 15/16" to 1-1/2" Clamp Diameter Range

barefoot
international

Deluxe Straight Boom

#B200

Fits inboard and outboard competition ski boats with a side windshield forward of a non-tapered pylon.

Deluxe Single/Straight Contour Boom

#B201

Fits inboard competition boats with a side windshield frame forward of the pylon.

Deluxe Universal Contour Boom

#B202

Fits inboard competition boats with a side windshield frame up to 8" aft of the pylon.

Malibu XTI Boom

#B202-XTI

Fits the Malibu XTI ski boats with retractable pylon.

Deluxe Quad Contour Boom

#B204

Fits inboard competition boats with a side windshield frame that is more than 8" aft of the pylon.

Deluxe Quad V-Drive Boom

#B204V

Fits v-drive boats with a rear mounted or retractable pylons with a minimum of 3 inches of 2.5 inch diameter, non-tapered pylon showing. DO NOT USE ON REMOVABLE QUICK RELEASE PYLONS.

Deluxe Gunnel Boom

#B205

Fits any boat without a factory installed pylon.

- The best way to learn to ski & wakeboard is on the boom.

- We have booms to fit every type of boat.

Call us to find out which boom is needed for any type boat.

I have used my 30 years of experience and training to personally design each of the Barefoot International booms without compromising safety. They are all built to stay strong and won't damage your boat. For added safety, our booms utilize a dual stainless steel cable system that runs all the way to the attachment point at the bow. There are no levers or moving parts in my clamp designs because they can loosen or break during use. The clamps for each boom are extremely strong with heavy duty hardware to ensure they remain mounted firmly to the pylon. They also have a quick release pin which makes it easy to attach and remove the boom. Other companies use inferior designs such as a single cable system or straps which will wear out or even worse, entirely fail. . . I have seen it happen. By purchasing a Barefoot International boom you are guaranteeing that you have the highest quality, strongest, and without a doubt, safest boom on the market.

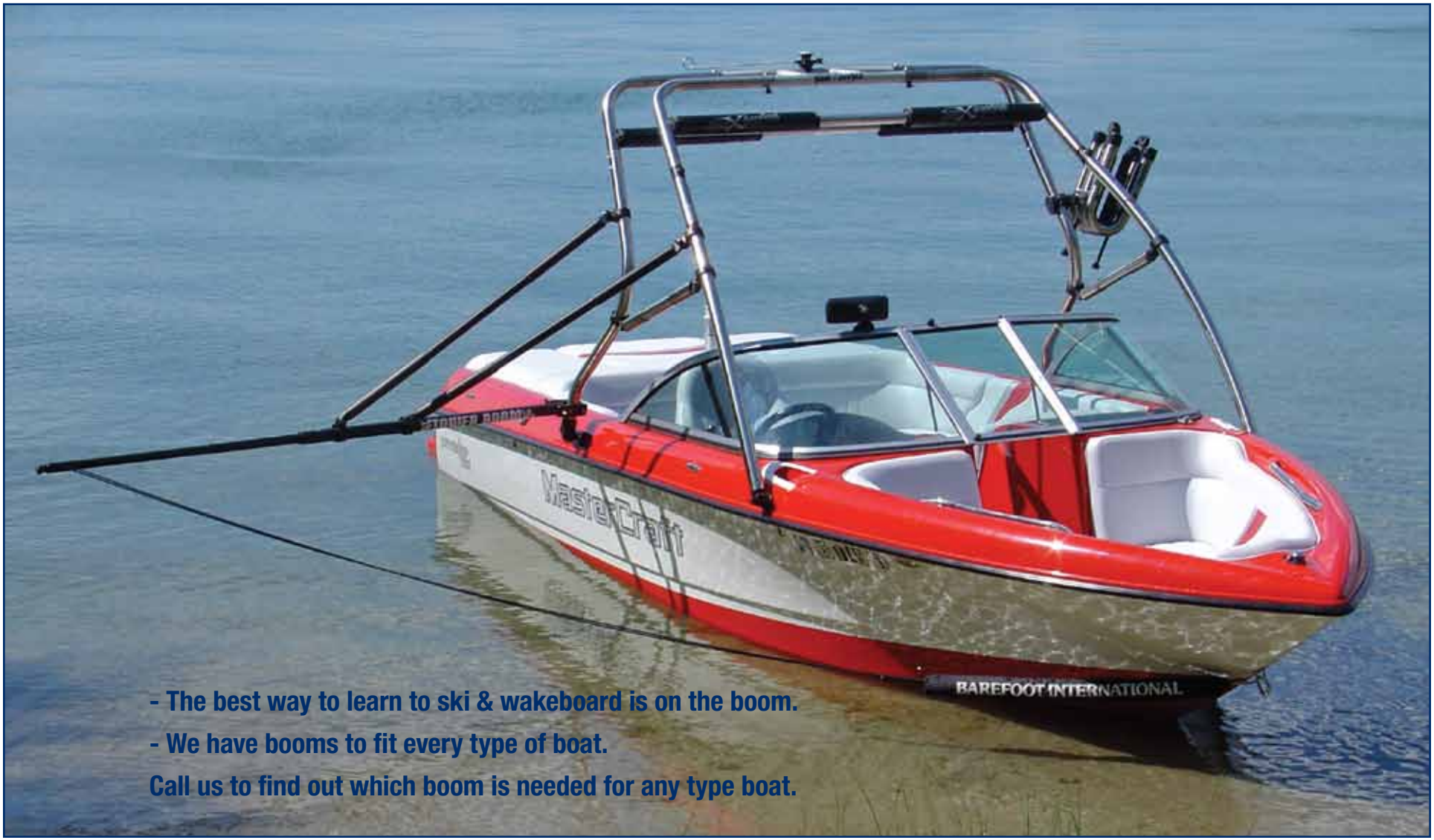
Mike Seipel

2 Time World Barefoot Champion

Fly High Tower Boom

#W206 / W207 / W208 / W209 Patented

The only boom that was designed to be mounted on the tubing of any tower. This boom is rock solid and can be stowed by pulling three quick release pins and detaching the cable system from the bow. It can also be used to train new wakeboarders at slower speeds while an instructor directs them on what to do.
(W206 fits 1 ⅞" and 2" towers / W207 fits 2¼" to 2½" towers / W208 fits the Cage Tower W2922 / W209 fits 2 ⅞" and 3" towers)



- The best way to learn to ski & wakeboard is on the boom.
- We have booms to fit every type of boat.
Call us to find out which boom is needed for any type boat.

Gunnel Saver (A)
#B114

A

Quick Release Pin (B)
#B113 (3") / B113-2 (2")

B C

Height Adjuster (C)
#B107

D

E

F

Boom Extension (D)
#B110

Handle Attachment (E)
#B111

Cable Protector (F)
#B108

Boom Pad
#B109 (not pictured)

Boom Bag
#B106 (not pictured)

Instructional DVD
#B144 (not pictured)

DVD features World Champion Barefooter Mike Seipel, one of the sport's most recognized individuals.

Easy Footer
#B228

The Easy Footer is one of the most important learning tools you can own because of the support it provides while training on a boom. It's virtually impossible to fall, allowing individuals to focus more on the positioning of their feet and body to get the perfect glide across the water. This product includes a DVD that demonstrates how to properly utilize it.

Foot Skis
#B115

Made of high density polyethylene with foam cushioned strap. One size fits all. (Quick Tip: Your feet must be centered from front to back in the Foot Skis for them to work properly. To center your feet in them make sure you use binding lube or dish soap and that your feet and the Foot Skis are very wet by dipping them completely in the water over the side of the boat. Then put your feet in the bindings and tap the tips of the Foot Skis on the floor of the boat to slide your feet forward until they are centered from front to back in them.)

Poly E Plus

#B227

Our new Poly E Plus is a low stretch 100' line with three removable 10' extensions.

Barefoot Spectra Fusion

#B231

Our Spectra Fusion line is a minimal stretch 100' line with three removable 10' extensions.

Official Barefoot Tournament Line

#B233

The Official Barefoot Tournament Line offers the control you need. It's a non-stretch line.

Wakes Handle

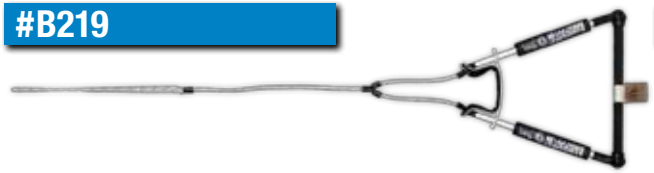
#B223

Back Toe Handle

#B222

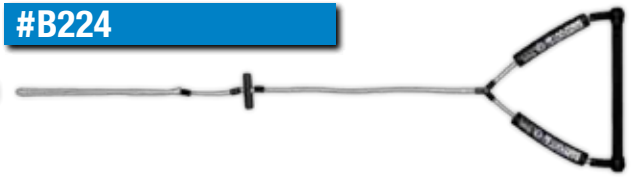
Front Toe Handle **

#B219



Starts Handle

#B224



Bare Trap Handle

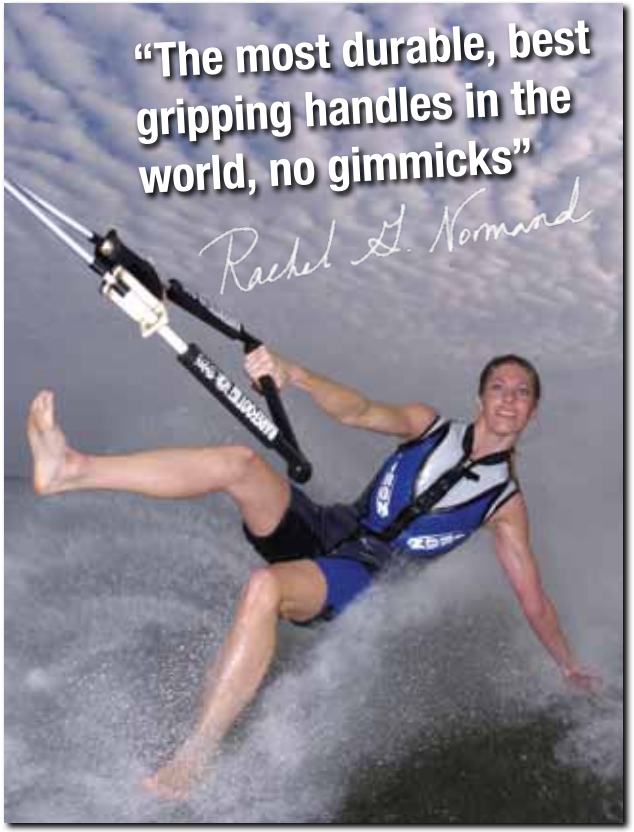
#B221

Jump Handle

#B226

** Jr. Front Toe Handle B220 not pictured

#1 selling barefoot handles in the world.



Iron Sleeveless / Jr. Iron Sleeveless

#299 / #275

"Our suits glide like you're on ice"

Mike Seipel

Iron Short Sleeve

#301

Our Iron wetsuits have double-thick flotation padding which is double-glued. This design makes it much easier to land jumps and flips. It also aids in performing deepwater starts and tumble turns.

Wet/Dry Bag

#118

This bag has 2 separate compartments for your gear. The wet compartment allows your equipment to breath.

Iron Shorts

#455

When worn under Iron wetsuits, these shorts will make the glide even better.

Heater Shirt

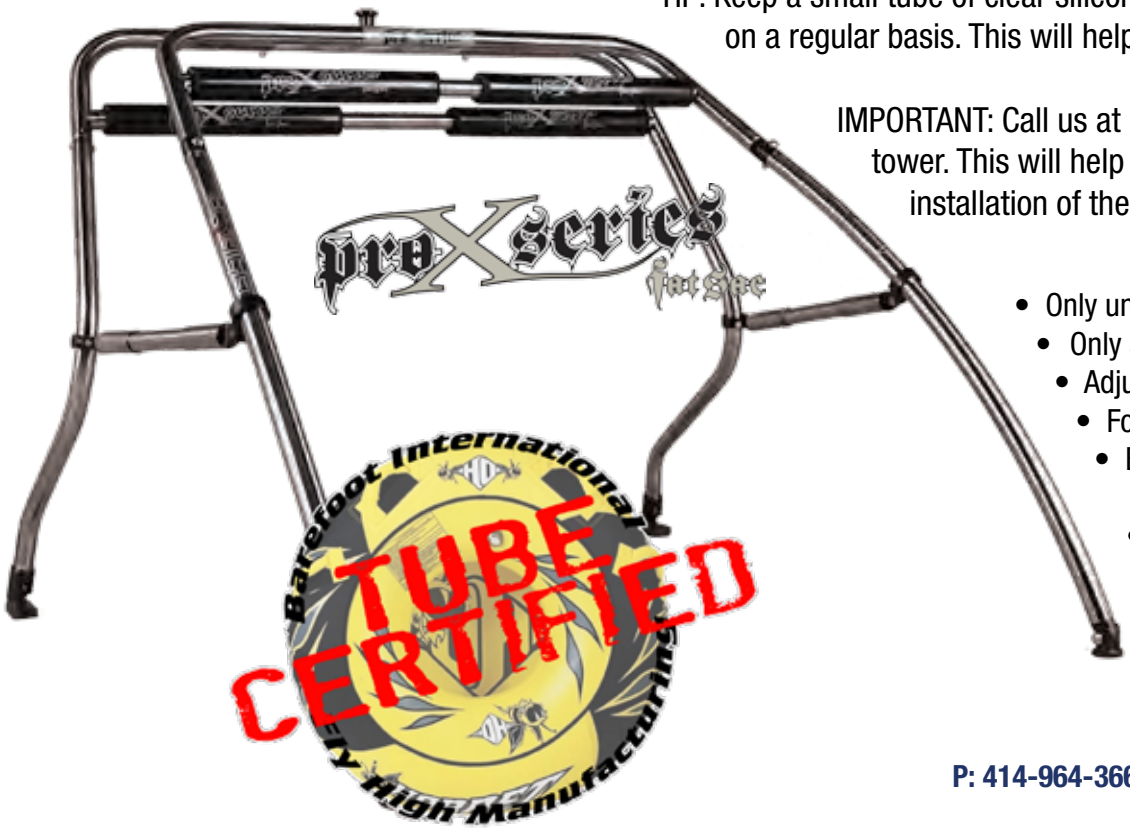
#456

The 0.5mm neoprene heater shirt will keep you warm when it's cool.

Pro X Series Crossbar Tower is the only tower that you can add to your boat that is strong enough to pull multiple tubes... Or anything else, and it will never vibrate loose or crack your boat's fiberglass when you do 3 key things:

1. Making sure that our supplied underplates are mounted flush.
2. Fully tighten the rear overhead adjustable cross bar with 3 guys using their bare hands after tower has been installed!
3. Double check that every nut bolt and screw is fully tightened.

The Pro X Series Tower (W2923) is completely universal and the only one constructed of stainless steel making it the strongest and most durable tower on the market. The Quick Release pins are user friendly and make stowing and setup of the tower a simple task. Just pull six pins and the tower folds down entirely allowing an easier fit into your garage and lift. This tower offers exclusive adjustable overhead crossbar engineering which locks it in place and makes it as rigid as a factory installed pylon (it won't loosen up over time). The crossbars of the tower act as an integrated board rack that will store anything from a slalom ski to a wake surf board. **This tower will never vibrate loose or crack your boat's fiberglass when you; make sure you flush mount our factory supplied underplates, fully tighten the rear overhead crossbar (three people tightening with their bare hands) after tower installation, and fully tighten every bolt and screw.**



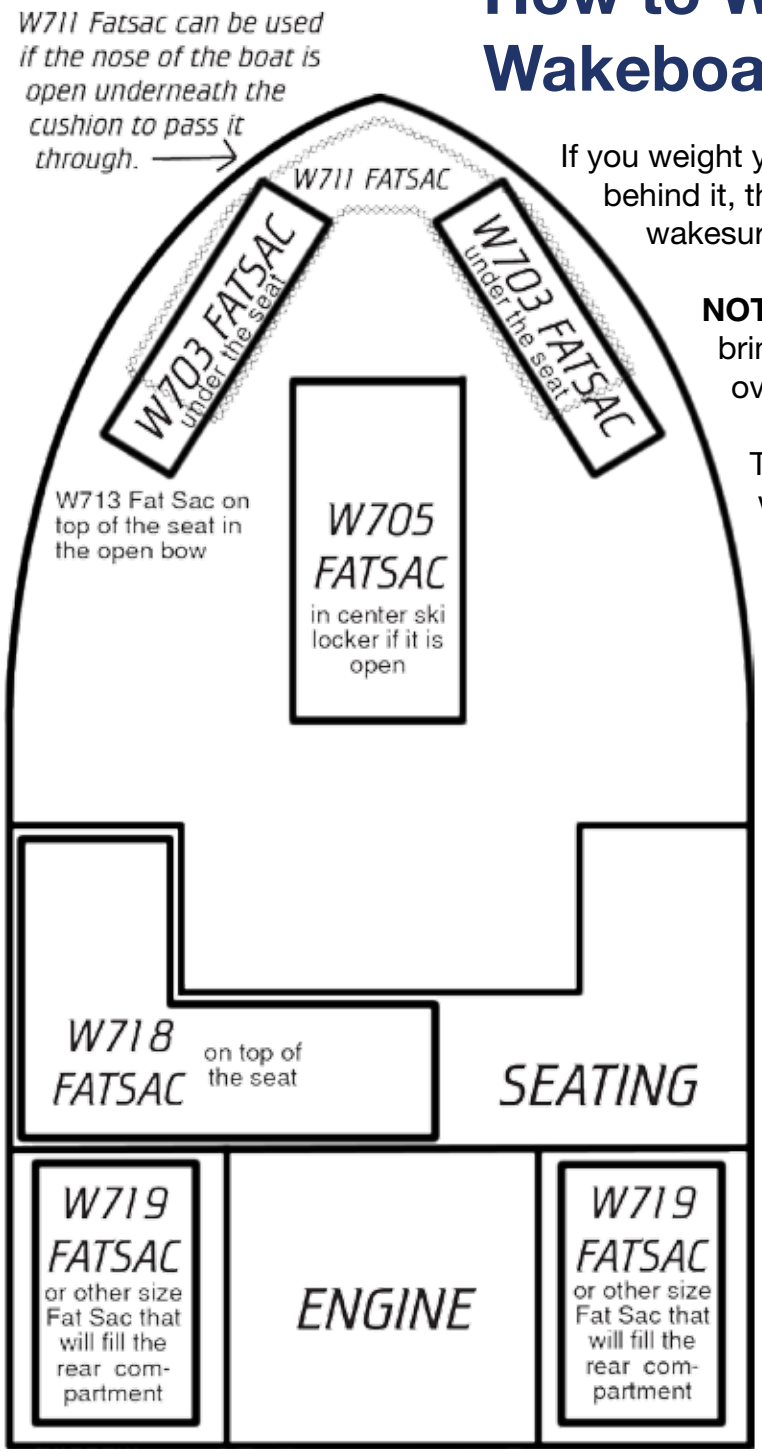
TIP: Keep a small tube of clear silicone grease in the boat and apply a light coat to the hitch pins on a regular basis. This will help with installation and removal of the pins.

IMPORTANT: Call us at 561-523-1947 for quick tips on installing the Pro X Series tower. This will help you understand the uniqueness of it and do the best installation of the tower.

- Only universal wakeboard tower built strong enough to pull tubes
- Only stainless steel adjustable wakeboard tower
- Adjusts to fit any boat
- Folds down as low as the windshield
- Board pads on overhead crossbars double as a board rack and provide shade when loaded with skis & boards
- Classic swoop style looks great on any boat

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

How to Weight a V-Drive Ski/ Wakeboard Boat for Wakesurfing


W711 Fatsac can be used if the nose of the boat is open underneath the cushion to pass it through.
W711 FATSAC
W703 FATSAC under the seat
W703 FATSAC under the seat
W713 Fat Sac on top of the seat in the open bow
W705 FATSAC in center ski locker if it is open
W718 FATSAC on top of the seat
SEATING
W719 FATSAC or other size Fat Sac that will fill the rear compartment
ENGINE
W719 FATSAC or other size Fat Sac that will fill the rear compartment

If you weight your V-Drive boat like this diagram shows, people will not have to learn to wakesurf behind it, they will immediately be able to do it the first time. People that already know how to wakesurf will be able to do bigger tricks without losing the wake.

NOTE: When weighting your boat like this, make sure to give the boat a little throttle to bring the bow of the boat up enough when passing through wakes so they don't wash over the front of the boat.

This diagram shows the way to weight a V-Drive ski/wakeboard boat for wakesurfing. Fill all factory ballast if there is any in the boat in addition to the sacs shown on the diagram to first get the whole boat down deep in the water. Put the Ultimate Wake Surf Sac (W718) on top of the rear seat & side seat and the V-Drive Wake Surf Sac (W713) on top of the front seat in the open bow that you are wakesurfing on, to get the rear corner and side of the boat you are surfing on even deeper in the water. This will displace the most water & create the biggest possible wake. The diagram shows it on the passenger side for wakesurfing on the passenger side. Put the Ultimate wakesurf Sac (W718) and the V-Drive Wakesurf Sac (W713) in the same place on the drive side for wakesurfing on the driver side. The Ultimate Wakesurf Sac (W718) is symmetrical so the fittings are on top and on the bottom so you can put it on the rear seat and side seat you are wakesurfing on & have the fittings on top to fill & empty from. Some wakesurfers like the shape of the wake better when you empty all the weight from side of the boat opposite from wakesurfing side, but the wake will not be as large.

NOTE: It is important to hold the Ultimate Wakesurf Sac (W718) when you are filling and emptying it but when it is full it is firm so it cannot roll off the seats because it is shaped like a 'L'.

NOTE: One of the great things about fat sacs is that it doesn't matter if they are exactly the same size and shape as the compartment or space they are going in because they will conform. If you want maximum weight out of a space or compartment you need to go with sacs at least as big, if not bigger then the space or compartment so when you fill them & they conform they will fill up the whole area and give you maximum weight out of it.

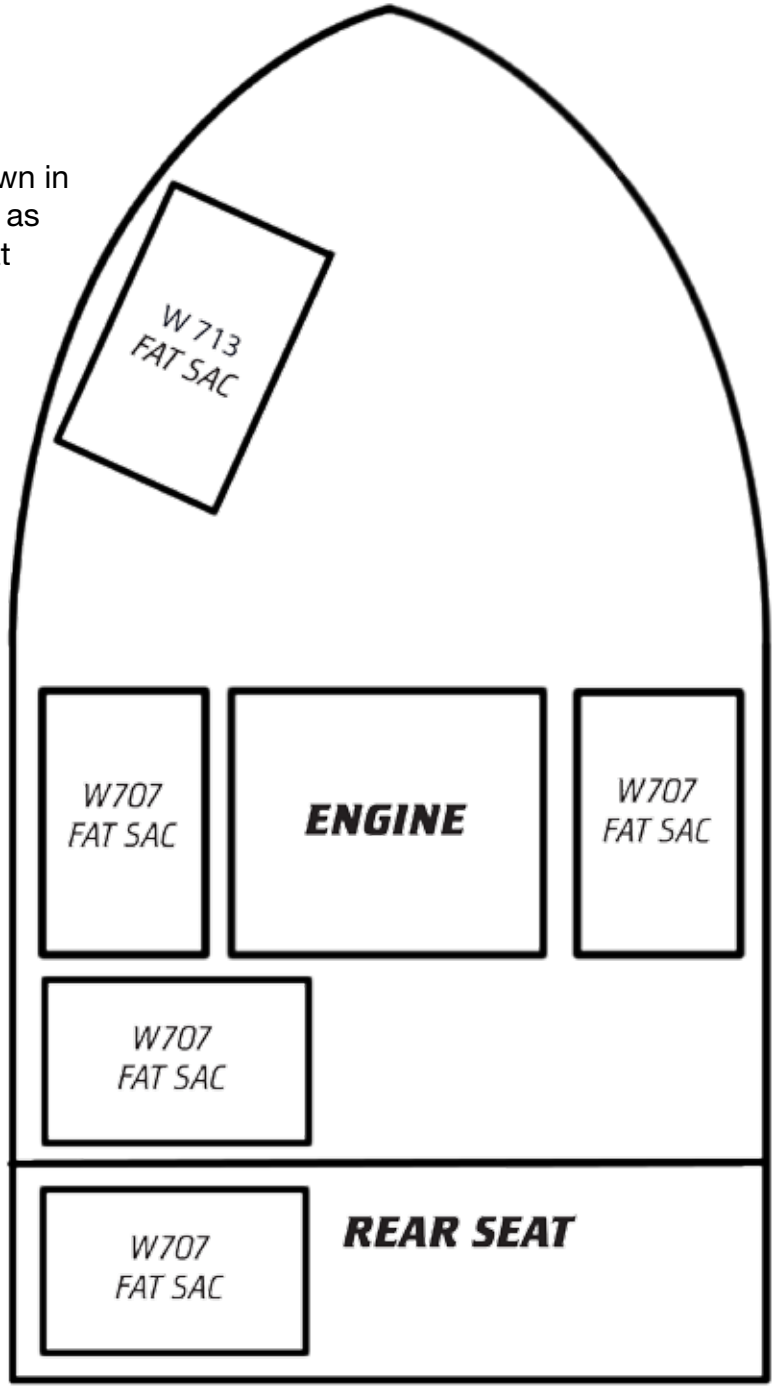
P:414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com A: 3879 N. Richards Street • Milwaukee, WI 53212

How to Weight an Inboard Mid Engine Direct Drive Ski Boat for Wakesurfing.

This shows the way to weigh an Inboard Mid-engine Direct Drive Ski Boat for wakesurfing. Fill all factory ballast if the boat has any and all additional sacs shown in the diagram. Put the 2 Fat Sacs (W707) that go in the rear of the boat as far over as possible to the same side you are wake surfing on. Put the V-Drive Wake Surf Fat Sac (W713) on top of the front seat in the open bow or under the bow (on closed bow boats) on the side that you are wakesurfing on. This diagram shows the Fat Sacs as far over on the passenger side as possible for wakesurfing on the passenger side. Switch them to the driver side when wakesurfing on the driver side. Some wakesurfers like the shape of the wake better when you empty all the weight from side of the boat opposite from wakesurfing side, but the wake will not be as large.

NOTE: When weighting your boat like this, make sure to give the boat a little throttle to bring the bow of the boat up enough when passing through wakes so they don't wash over the front of the boat.

One of the great things about fat sacs is that it doesn't matter if they are exactly the same size and shape as the compartment or space they are going in because they will conform. If you want maximum weight out of a space or compartment you need to go with sacs at least as big, if not bigger then the space or compartment so when you fill them & they conform they will fill up the whole area and give you maximum weight out of it.



FLYHIGH FATSAC

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

How to Hook Up an Automatic Ballast System.

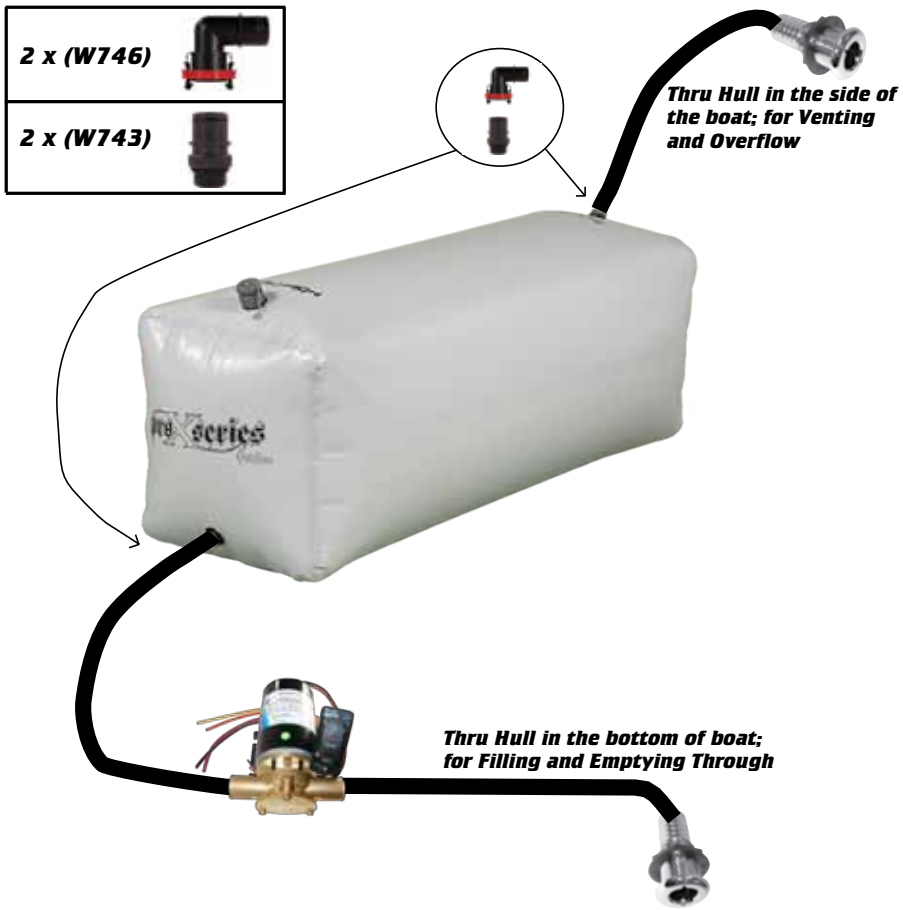
The Best Possible Way is by Keeping it Basic!

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

Required parts for EACH Pro X Series Fat Sac you will need the following:

- 1 each of (W610-P) - Jabsco Metal Ballast Puppy Pump (high volume, self-priming, reversible) with Fill/Empty Switch
- 25 ft of (558031-Black Hose) - Black Reinforced Bilge Hose (fits 1” & 1⅛” fittings)
- 2 each of (W743) - 1⅛” Quick Connect - Sac Valve Thread (use PVC Cement to screw this fitting into the Fat Sac)
- 2 each of (W741) - Flow-Rite 1⅛” Straight Quick Connect Socket
- 2 each of (W746) - Flow-Rite 1⅛” Elbow Quick Connect Socket
- 6 each of (558031-Clamp) - 316 Stainless Steel Worm Drive Hose Clamp 5/16” - 1 1/2” Clamp Diameter Range
- 2 each of 1” Thru Hulls - One for the bottom of the boat for Filling/Emptying; One for Venting/Overflow
- Adequate length of electrical wire to wire up the fill/empty switch and the Jabsco Metal Ballast Puppy Pump

Directions:


2 x (W746)
2 x (W743)
Thru Hull in the side of the boat; for Venting and Overflow
Thru Hull in the bottom of boat; for Filling and Emptying Through

Step 1:
Run Black Reinforced Hose from the Thru Hull Fitting in the bottom of the boat to one side of the Jabsco Pump.

Step 2:
Run Black Reinforced Hose from the other side of the Jabsco Pump to the bottom valve on the Pro X Series Fat Sac.

Step 3:
Run Black Reinforced Hose from the highest valve on the top of the Pro X Series Fat Sac to the Thru Hull Fitting out the side of the boat.

NOTE: The vent overflow thru hull fitting needs to be higher then where the Vent Hose is attached to the valve on the top of the Pro X Series Fat Sac (When Full). This is to prevent water from coming out of the vent overflow thru hull when starting, stopping, turning, hitting waves or leaning the boat over.

Quick Tips for using the Tsunami Pump (W709).

The Tsunami Pump is the fastest pump that you put over the side of the boat and plug into the cigarette lighter accessory plug to manually fill and empty the fat sacs. It is made to go on and off the Pro X Series Fat Sacs very fast and easy to save time. The clear hose on the Tsunami Pump (W709) allows you to clearly see when the water is flowing good. It also allows you to see if there are any air bubbles, weeds, sand or dirt in it that are slowing the flow or are being pumped into your fatsac.

Directions:

Step 1:
First put the Tsunami pump over the side of the boat under the water.

Step 2:
Then counter twist the end of the hose before sticking it in the quick connect with cap and chain on the top of the Pro X Series Fat Sac so it twists back and holds itself in the groove.

Step 3:
Plug the Tsunami Pump into the cigarette lighter accessory plug.

NOTE: To empty do the same thing except the end of the hose goes over the side of the boat first and the pump goes on the quick connect with cap and chain on top of the Pro X Series Fat Sac. Then push the pump down into the sac to prime the pump.

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

The Best Possible way to learn to waterski, wakeboard, and barefoot is on the boom!

We have different booms to fit every type of boat and on the tubing of every tower.

Approximately 30 years ago, Barefoot International manufactured the 1st boom on the market and today continues to be the #1 choice for Pro's, ski schools, families, and/or anybody wanting to learn wakeboarding and water skiing. Our booms fit all boats and are by far the one item needed to make any boat the ultimate learning tool for wakeboarding and skiing. We guarantee you will do less tubing and enjoy your time on the water 100% more while saving 50% on wasted gas. You can teach or learn everything on the water in under 15 minutes.

Call us at 1-414-964-3668 to find out which one fits your boat or tower.

Tower Boom Models:

W206 - 1 7/8" and 2" Towers
W207 - 2¼" to 2½" Towers
W208 - Fits Cage (W2922)
W209 - Fits 2⅞" and 3" Towers

Deluxe Boom Models:

B200 - Deluxe Straight Boom
B201 - Deluxe Single/Straight Contour Boom
B202 - Deluxe Universal Contour Boom
B202-XTI - Malibu XTI Boom (boat with retractable Pylon)
B204 - Deluxe Quad Contour Boom
B204V - Deluxe Quad V-Drive Boom
B205 - Deluxe Gunnel Mount Boom

Center Pylon Boom Installation Instructions.

The Best Possible way to learn to ski, barefoot and wakeboard is on the boom!

WARNING: FAILURE TO ADHERE TO ALL WARNINGS COULD CAUSE DAMAGE TO EQUIPMENT OR VEHICLE, PERSONAL INJURY OR EVEN DEATH. BE AWARE OF YOUR SURROUNDINGS AND ALWAYS STAY CLEAR OF BRIDGES, DOCKS AND ANY OTHER OBSTACLES • DO NOT USE THE BOOM WITHOUT THE CABLES ATTACHED TO THE BOW OF THE BOAT • DO NOT TOW THE BOAT WITH THE BOOM INSTALLED • DO NOT USE TO PULL TUBES, KITES, PARA SAILORS OR STRANDED BOATS • BE SURE TO CHECK ALL HARDWARE, CLAMPS AND CABLES FOR WEAR AND PROPER INSTALLATION PRIOR TO EACH USE.

WARNING: THE USE OF THIS PRODUCT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE THESE RISKS THE INDIVIDUAL MUST ALWAYS STAY WITHIN THEIR LIMITS AND AT SPEEDS THAT DO NOT EXCEED THEIR LEVEL OF SKILL. THIS PRODUCT IS A TRAINING AID FOR ALL TYPES OF SKIING AND SHOULD ONLY BE USED FOR THAT PURPOSE. DO NOT HANG OFF THE BOOM WHEN THE BOAT IS IN MOTION UNLESS THE INTENT IS TO SKI. THE DRIVER OF THE BOAT SHOULD ALWAYS FOCUS THEIR ATTENTION ON THE SURROUNDINGS, NOT THE SKIER.

1. Read through all directions and warnings completely before installing this product.

Important: The Boom clamp must be installed on the non-tappered portion of the pylon.

2. Attach the boom clamp to the pylon using two bolts and washers. Be sure you tighten the bolts evenly, only turning them a couple turns at a time and alternating between them. Don't tighten the bolts completely because you will be adjusting the clamp in a later step.
3. Pin the inside section of the boom to the clamp using the quick release pin.
4. Slide the outside boom section into the inside boom section until the push pin snaps entirely into its hole.

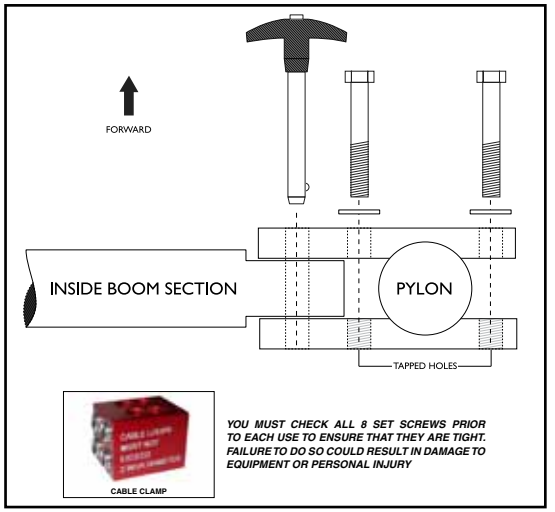
Note: For the next step, the boom should be angled slightly up and forward.

5. Adjust the boom height so it will be positioned chest-high on an average height person when in use.
6. Have someone hold the boom in position at the desired angle while you finish tightening the bolts on the clamp. Be sure you tighten them evenly and firmly.
7. Hook the carabineer on the cables to the boat's trailer under-bow eye hook.

Note: For the next step, the cables must have no slack hanging down.

8. Pull any slack out of the cables until they are snug. Make sure the cable loop at the end is approximately 1½" - 2" in diameter. Tighten all 8 set screws on the cable clamp with provided allen wrench. Be sure you tighten them until they are extremely tight.
9. Slide the cable pad over the cables and connect loop strap through the carabineer. Tuck any excess cable back into the cable pad.

Boom Removal: To remove the Boom simply unhook the cables from the boat, remove the outside section, and remove the inside section using the quick release pin. The clamp can remain on the pylon while the boom is not being used.


FORWARD
INSIDE BOOM SECTION
PYLON
TAPPED HOLES
CABLE CLAMP
YOU MUST CHECK ALL 8 SET SCREWS PRIOR TO EACH USE TO ENSURE THAT THEY ARE TIGHT. FAILURE TO DO SO COULD RESULT IN DAMAGE TO EQUIPMENT OR PERSONAL INJURY

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com • 3879 N. Richards Street • Milwaukee, WI 53212

Gunnel Mount Boom Installation Instructions

The Best Possible way to learn to ski, barefoot and wakeboard is on the boom!

WARNING: FAILURE TO ADHERE TO ALL WARNINGS COULD CAUSE DAMAGE TO EQUIPMENT OR VEHICLE, PERSONAL INJURY OR EVEN DEATH. BE AWARE OF YOUR SURROUNDINGS AND ALWAYS STAY CLEAR OF BRIDGES, DOCKS AND ANY OTHER OBSTACLES • DO NOT USE THE BOOM WITHOUT THE CABLES ATTACHED TO THE BOW OF THE BOAT • DO NOT TOW THE BOAT WITH THE BOOM INSTALLED • DO NOT USE TO PULL TUBES, KITES, PARA SAILORS OR STRANDED BOATS • BE SURE TO CHECK ALL HARDWARE, CLAMPS AND CABLES FOR WEAR AND PROPER INSTALLATION PRIOR TO EACH USE.

WARNING: THE USE OF THIS PRODUCT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE THESE RISKS THE INDIVIDUAL MUST ALWAYS STAY WITHIN THEIR LIMITS AND AT SPEEDS THAT DO NOT EXCEED THEIR LEVEL OF SKILL. THIS PRODUCT IS A TRAINING AID FOR ALL TYPES OF SKIING AND SHOULD ONLY BE USED FOR THAT PURPOSE. DO NOT HANG OFF THE BOOM WHEN THE BOAT IS IN MOTION UNLESS THE INTENT IS TO SKI. THE DRIVER OF THE BOAT SHOULD ALWAYS FOCUS THEIR ATTENTION ON THE SURROUNDINGS, NOT THE SKIER.

1. Read through all directions and warnings completely before installing this product.

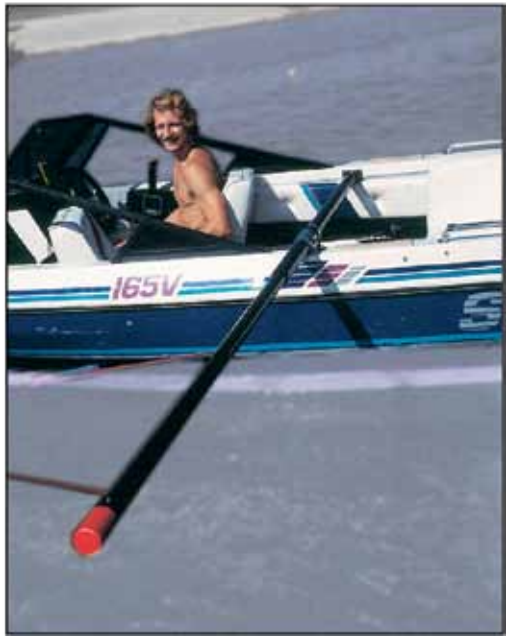
Important: The most important thing to keep in mind when installing the Gunnel Mount Boom is that it's positioned so the skier is out of the side spray produced by the boat's hull.

2. The boom is made up of three separate pieces; the gunnel extension, inside section and outside section. Pin the gunnel extension to the inside section using the lock pin (be sure you secure it with the snap wire).
3. Slide the outside section of the boom into the inside section until the alignment pin snaps into place.

Note: You will need three people and some towels for the next step.

4. Take the boat and boom out onto the lake. Drive at speeds that you intend to pull skiers while two friends experiment with the placement of the boom. Use the towels as padding to keep the boom from damaging the gunnels of the boat. The goal at this point is to position the boom so the skier is out of the side spray produced by the boat's hull.
5. Once you have determined the best placement for the boom, note where it will be installed and head back to shore.
6. Check behind ***both*** gunnels where you plan to drill and make sure that there are no obstructions such as throttle cables or wires. You may have to reconsider the boom placement if you are not positive that there are no obstructions.

ADJUSTING THE LEVEL OF THE BOOM: Depending on the design of your boat, you may have to adjust where you mount the clamp. The goal here is to have the boom at chest level for an average height person. Don't' forget that the boom will be slightly higher when the boat is moving and on plane. To adjust the level of the boom, move the clamp up or down accordingly. Due to the many types and shapes of boats, there is no way for us to describe a predetermined placement for the clamp. If you have any questions, please contact us prior to proceeding.

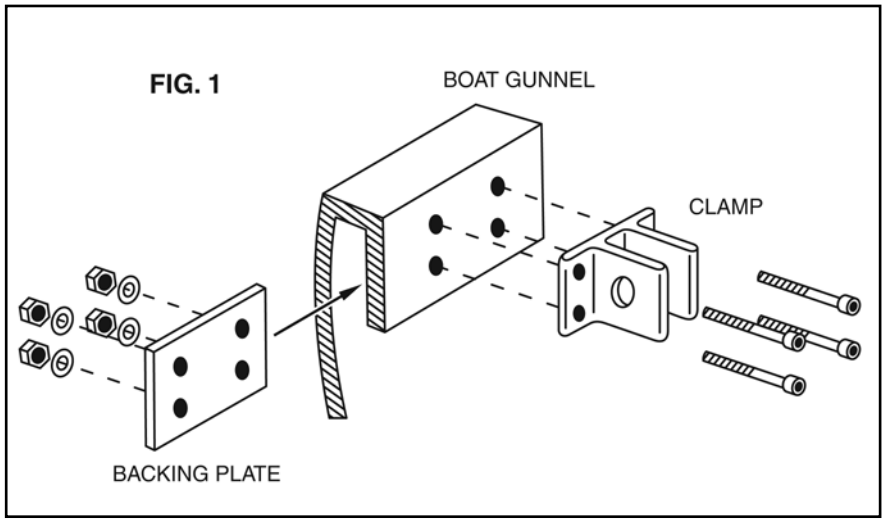


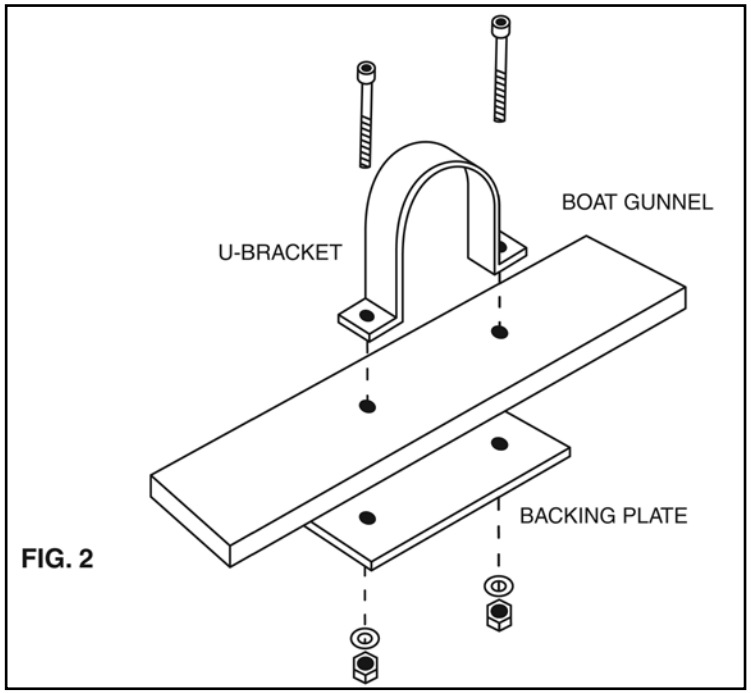
P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com • 3879 N. Richards Street • Milwaukee, WI 53212

Gunnel Tower Boom Installation Instructions (continued).

7. Use the boom clamp to mark where you will be drilling the holes to mount it. Drill through your marks and mount the clamp to the gunnel using 4 screws, backing plate, washers and locking nuts. Be sure you tighten them firmly. (Fig. 1)
8. The boom should still be put together from step 4. Use the 1/2” x 3” bolt to temporarily pin the boom to the clamp. Rest the boom on the opposite gunnel and use the u-bracket to mark where you will need to drill. Remove the boom from the boat.
9. Drill your holes and install the u-bracket using the 4 screws, backing plate, washers and lock nuts. The u-bracket stays mounted to the boat permanently so be sure you tighten the bolts firmly. (Fig. 2)

10. Slide the boom through the u-bracket and pin it to the clamp using the 1/2” x 3” bolt. Secure the bolt using the flat washer and wing nut. Tighten it as tight as you can with your hands.
11. Hook the carabineer on the cables to the boat’s trailer under-bow eye hook.
12. Pull any slack out of the cables until they are snug and the boom is pressed against the front of the u-bracket. Make sure the cable loop at the end is approximately 1½” - 2” in diameter. Tighten all 8 set screws on the cable clamp with provided allen wrench. Be sure you tighten them until they are extremely tight.
13. Slide the cable pad over the cables and connect loop strap through the carabineer. Tuck any excess cable back into the cable pad.





P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com • 3879 N. Richards Street • Milwaukee, WI 53212

Tower Boom Installation Instructions.

The Best Possible way to learn to ski, barefoot and wakeboard is on the boom!

WARNING: FAILURE TO ADHERE TO ALL WARNINGS COULD CAUSE DAMAGE TO EQUIPMENT OR VEHICLE, PERSONAL INJURY OR EVEN DEATH. BE AWARE OF YOUR SURROUNDINGS AND ALWAYS STAY CLEAR OF BRIDGES, DOCKS AND ANY OTHER OBSTACLES • DO NOT USE THE BOOM WITHOUT THE CABLES ATTACHED TO THE BOW OF THE BOAT • DO NOT TOW THE BOAT WITH THE BOOM INSTALLED • DO NOT USE TO PULL TUBES, KITES, PARA SAILORS OR STRANDED BOATS • BE SURE TO CHECK ALL HARDWARE, CLAMPS AND CABLES FOR WEAR AND PROPER INSTALLATION PRIOR TO EACH USE.

WARNING: THE USE OF THIS PRODUCT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE THESE RISKS THE INDIVIDUAL MUST ALWAYS STAY WITHIN THEIR LIMITS AND AT SPEEDS THAT DO NOT EXCEED THEIR LEVEL OF SKILL. THIS PRODUCT IS A TRAINING AID FOR ALL TYPES OF SKIING AND SHOULD ONLY BE USED FOR THAT PURPOSE. DO NOT HANG OFF THE BOOM WHEN THE BOAT IS IN MOTION UNLESS THE INTENT IS TO SKI. THE DRIVER OF THE BOAT SHOULD ALWAYS FOCUS THEIR ATTENTION ON THE SURROUNDINGS, NOT THE SKIER.

1. Read through all directions and warnings completely before installing this product.

Note: If your tower is smaller in diameter, use the supplied bushings with the clamp (Figure 3). This applies to all clamps. If the bushings don't fit perfectly flush, please contact us.

Note: On boats with a single bar tower such as the MasterCraft line, the Tower Boom will install differently. If your tower has a single bar tower design, perform step 2a.

2. BOOM CLAMP ASSEMBLY - Attach the boom clamp to the rear tower leg. Position it on a straight portion of the tower as close to the base as possible. Don't tighten the bolts completely (Figures 1 & 3).

2a. Attach the boom clamp to the front tower leg. Position it as close to the base as possible. Don't tighten the bolts completely (Figures 2 & 3).

3. There are two types of clamps for the support braces (Figure 4). Attach a hitch pin clamp 2-3 feet above the boom clamp. Don't tighten the bolts completely because you will need to adjust the clamp.

Note: On boats with a single bar tower design, perform step 4a.

4. Attach the other hitch pin clamp to the front tower leg 2-3 feet above the boat's gunnel. Don't completely tighten the bolts (Figure 1).

4a. Attach the other hitch pin clamp 1 foot above the first hitch pin clamp on the same tower leg (Figure 2). Don't completely tighten the bolts.

5. Attach the remaining two clamps to the inside section of the boom 3 feet out. Don't tighten them completely.
6. Pin both braces to the clamps on the tower using the hitch pins.
7. Use the quick release pin to attach the inside section of the boom to the boom clamp. Be sure the ball on the quick release pin is all the way through the clamp.
8. Bolt the braces to the clamps on the boom. You may have to adjust the length of the brace so it will reach. To adjust the length of a brace, simply turn the inside section of the brace.

P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

Tower Boom Installation Instructions (continued).

Note: For the next step, the boom should be chest high of an average height skier. If adjustments are needed while skiing, moving people in the boat will shift the weight and raise or lower the boom.

9. Now you must adjust everything while someone holds the boom in position. The boom must be angled slightly forward and up. The braces must be between 3-5 feet in length and have a minimum angle of 30˚ above horizontal.
10. After everything is set to the correct position, tighten the hardware on all clamps. Start with the main boom clamp, then the clamps on the tower, and finally the clamps on the boom. Tighten the bolts firmly.

Note: For the next step, if you own a MasterCraft with the pickle-fork bow design you will attach the carabineer to the boat's deck clevis (Figure 5).

11. Slide the outside boom section into the inside boom section until the push pin snaps entirely into the hole. Hook the carabineer on the cables to the boat's trailer under-bow eye hook.

Note: For the next step, the cables must have no slack hanging down. If they are loose the Tower Boom will put too much stress on the tower when in use.

12. Pull any slack out of the cables until they are snug. Make sure the cable loop at the end is approximately 1½" - 2" in diameter. Tighten all 8 set screws on the cable clamp with provided allen wrench (Figure 6). Be sure you tighten them until they are extremely tight.
13. Slide the cable pad over the cables and connect loop strap through the carabineer. Tuck any excess cable back into the cable pad.

To stow the Tower Boom: (1) Disconnect the cables from the boat. (2) Telescope the outside boom section into the inside section. (3) Pull the pins from the braces and raise the boom. (4) Pull the quick release pin from the boom clamp. (5) Remove the boom until its next use.

We recommend that you keep a small tube of clear silicone grease in the boat and occasionally apply a light coat to the pins. This will help keep them in good working condition and ease their installation and removal.

FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

FIG. 6

CABLE CLAMP

V-Drive Boom Installation Instructions.

The Best Possible way to learn to ski, barefoot and wakeboard is on the boom!

WARNING: FAILURE TO ADHERE TO ALL WARNINGS COULD CAUSE DAMAGE TO EQUIPMENT OR VEHICLE, PERSONAL INJURY OR EVEN DEATH. BE AWARE OF YOUR SURROUNDINGS AND ALWAYS STAY CLEAR OF BRIDGES, DOCKS AND ANY OTHER OBSTACLES • DO NOT USE THE BOOM WITHOUT THE CABLES ATTACHED TO THE BOW OF THE BOAT • DO NOT TOW THE BOAT WITH THE BOOM INSTALLED • DO NOT USE TO PULL TUBES, KITES, PARA SAILORS OR STRANDED BOATS • BE SURE TO CHECK ALL HARDWARE, CLAMPS AND CABLES FOR WEAR AND PROPER INSTALLATION PRIOR TO EACH USE.

WARNING: THE USE OF THIS PRODUCT INVOLVES INHERENT RISKS OF INJURY OR DEATH. TO REDUCE THESE RISKS THE INDIVIDUAL MUST ALWAYS STAY WITHIN THEIR LIMITS AND AT SPEEDS THAT DO NOT EXCEED THEIR LEVEL OF SKILL. THIS PRODUCT IS A TRAINING AID FOR ALL TYPES OF SKIING AND SHOULD ONLY BE USED FOR THAT PURPOSE. DO NOT HANG OFF THE BOOM WHEN THE BOAT IS IN MOTION UNLESS THE INTENT IS TO SKI. THE DRIVER OF THE BOAT SHOULD ALWAYS FOCUS THEIR ATTENTION ON THE SURROUNDINGS, NOT THE SKIER.

1. Read through all directions and warnings completely before installing this product.

Important: The Boom clamp must be installed on the non-tappered portion of the pylon.

Note: For the next step, if your boat has a retractable pylon you must pull up on the pylon and push the clamp body down into the vinyl of the sun deck. The clamp is rounded so it will not damage the vinyl on your boat. You can also cut a hole in a rag and slide it over the pylon before you install the clamp. This will help keep the clamp from rubbing on the vinyl. For questions on this, call us during normal business hours.

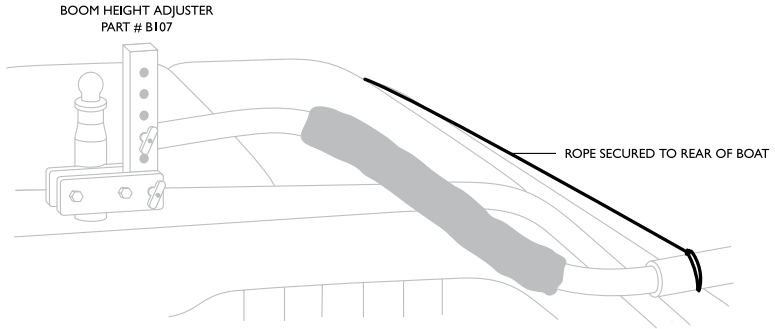
2. Attach the V-Drive boom clamp to the pylon using two bolts, washers, spacers, and three main clamp pieces (see illustration for details). Be sure you tighten the bolts evenly, only turning them a couple turns at a time and alternating between them. Don't tighten the bolts completely because you will be adjusting the clamp in a later step.
3. Pin the inside section of the boom to the clamp using the quick release pin.
4. Slide the outside boom section into the inside boom section until the push pin snaps entirely into its hole.

Note: For the next step, the boom should be angled slightly up and forward.

5. Adjust the boom height so it will be positioned chest-high on an average height person when in use.
6. Have someone hold the boom in position at the desired angle. When it's in a suitable position, finish tightening the bolts evenly and firmly.

CABLE CLAMP

YOU MUST CHECK ALL 8 SET SCREWS PRIOR TO EACH USE TO ENSURE THAT THEY ARE TIGHT. FAILURE TO DO SO COULD RESULT IN DAMAGE TO EQUIPMENT OR PERSONAL INJURY



P: 414-964-3668 F: 414-964-5767 W: www.fatsac.com E: orders@fatsac.com
3879 N. Richards Street • Milwaukee, WI 53212

V-Drive Boom Installation Instructions (continued).

7. Hook the carabineer on the cables to the boat's trailer under-bow eye hook.

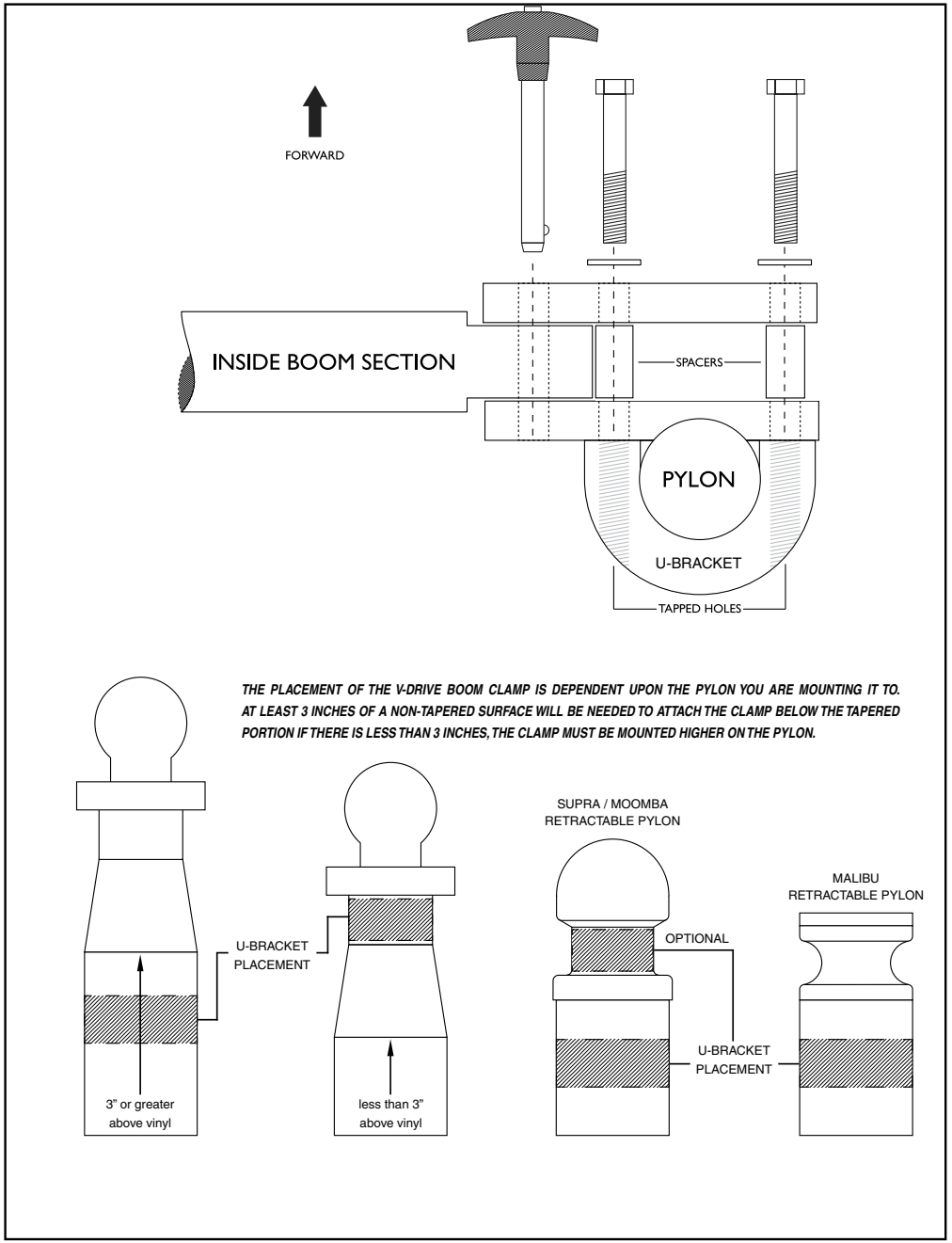
Note: For the next step, the cables must have no slack hanging down.

8. Pull any slack out of the cables until they are snug. Make sure the cable loop at the end is approximately 1½" - 2" in diameter. Tighten all 8 set screws on the cable clamp with provided allen wrench. Be sure you tighten them until they are extremely tight.
9. Slide the cable pad over the cables and connect loop strap through the carabineer. Tuck any excess cable back into the cable pad.
10. The last thing you need to do is attach a section of rope from the boom to the rear of the boat. This keeps the boom from recoiling forward when the skier falls off it. Make sure the rope runs tight up touching the gunnel (see illustration for details).

Boom Removal: Simply unhook the cables from the boat, remove the outside section, disconnect the rope from the rear of the boat, and remove the inside section using the quick release pin. The clamp can remain on the pylon while the boom is not being used.

Tips:

1. To lower the boom for shorter skiers, use the Boom Height Adjuster (part # B107).
2. To help position the skier out of the spray from the boat, use the Boom Extension (part # B110).


FORWARD
INSIDE BOOM SECTION
SPACERS
PYLON
U-BRACKET
TAPPED HOLES
THE PLACEMENT OF THE V-DRIVE BOOM CLAMP IS DEPENDENT UPON THE PYLON YOU ARE MOUNTING IT TO. AT LEAST 3 INCHES OF A NON-TAPERED SURFACE WILL BE NEEDED TO ATTACH THE CLAMP BELOW THE TAPERED PORTION IF THERE IS LESS THAN 3 INCHES, THE CLAMP MUST BE MOUNTED HIGHER ON THE PYLON.
U-BRACKET PLACEMENT
3" or greater above vinyl
less than 3" above vinyl
SUPRA / MOOMBA RETRACTABLE PYLON
OPTIONAL
U-BRACKET PLACEMENT
MALIBU RETRACTABLE PYLON